

111-40-10070-2020 TRIBUTARY 2**ADDITION****Water body name:****Survey date:** 10/24/2013**Water body number:****Species & Lifestage:****Watershed:** Mendenhall River-Frontal Gastineau Channel**MTR:** C040S066E **Quad:** Juneau B-2

Findings: I surveyed this uncataloged tributary to stream 111-40-10070-2020 using an electrofisher unit and a GPS (Table 1). I captured juvenile coho salmon and Dolly Varden char with electrofisher and visually identified an adult female coho salmon (Figure 1). There was a small cascade that was about 4' that could be a barrier at low flows (Figure 2). I ended the survey due to water level being too low to continue electrofishing.

Recommendations: Add stream to AWC.

Table 1.—111-40-10070-2020 tributary 2 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
226	58.3633	-134.4928		EF	2 CO
227	58.3632	-134.4922	One of the coho captured was very smolty.	EF	3 CO
228	58.3635	-134.4920	One adult female coho captured.	VI	1 CO
229	58.3638	-134.4920		EF	1 CO
230	58.3638	-134.4921		EF	2 CO, 1 DV
231	58.3641	-134.4921	Gradient has been increasing. There are black pipes in and around stream. They could be used for transport of water.	EF	1 CO
232	58.3644	-134.4922	Larger pipe running along side of stream.	EF	3 DV
233	58.3648	-134.4918		EF	1 CO, 2 DV
234	58.3649	-134.4917	Captured on Dolly Varden in spawning colors at the base of a cascade.	EF	2 DV
235	58.3654	-134.4916	Stopping here, have only been capturing Dolly Varden and water level to low to electrofish.	EF	2 DV
257	58.3659	-134.4919	Where silver/black pipes crosses stream.		



Figure 1.—Adult female coho salmon.



Figure 2.—Possible cascade barrier.

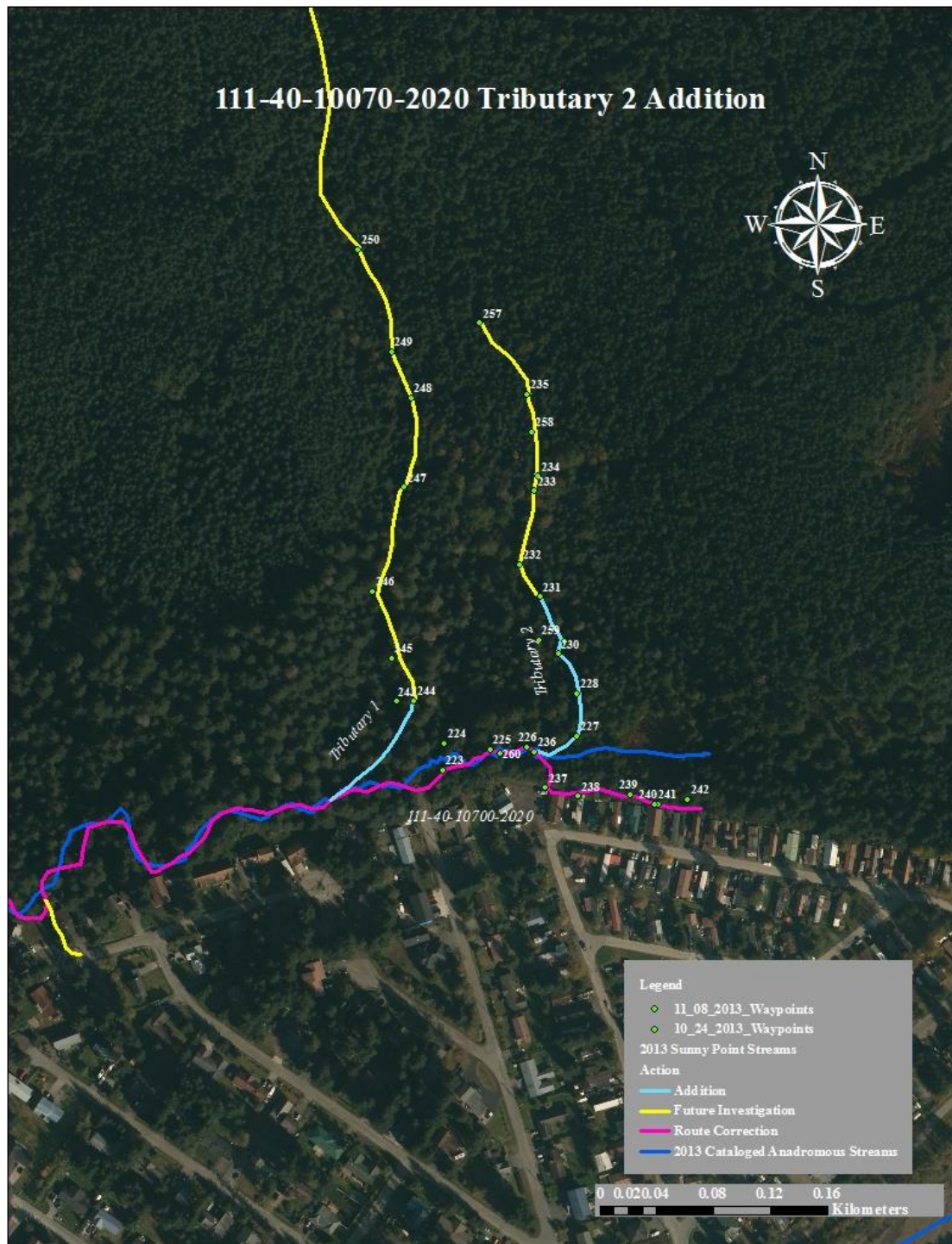


Figure 3.–111-40-10070-2020 tributary 2 addition map.